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(11) EP 0 862 342 A3

(12) EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
01.03.2000 Bulletin 2000/09

(51) Int. Cl.<sup>7</sup>: H04Q 7/32, H04Q 7/22,  
H04Q 7/12

(43) Date of publication A2:  
02.09.1998 Bulletin 1998/36

(21) Application number: 98103400.2

(22) Date of filing: 26.02.1998

(84) Designated Contracting States:  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC  
NL PT SE  
Designated Extension States:  
AL LT LV MK RO SI

(30) Priority: 28.02.1997 JP 4625097  
25.09.1997 JP 26003197

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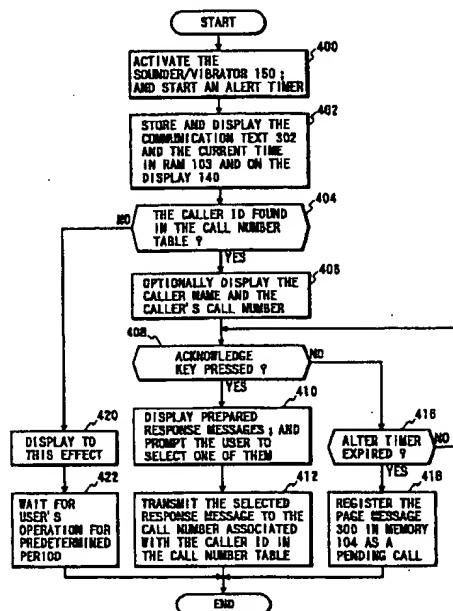
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(54) Mobile paging telephone with an automatic call back function

(57) When a page message containing a caller ID is received from a caller, a call back message containing one of prepared response messages is transmitted to a call number associated with the caller ID. For this, the system displays the prepared response messages and prompts the user to select one of them. A call back message is compiled from a call back number associated with a caller ID contained in the page message and the selected response message. The call back message is transmitted to the call back number. The compilation of call back message is performed such that the format of call back message is adapted to the type of the caller's communication device associated with the caller ID.

FIG. 4



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# EUROPEAN SEARCH REPORT

Application Number  
EP 98 10 3400

| DOCUMENTS CONSIDERED TO BE RELEVANT   |   |   |  |
|---|---|---|--|
| Category  | Citation of document with indication, where appropriate, of relevant passages   | Relevant to claim   | CLASSIFICATION OF THE APPLICATION (Int.Cl.6) |
| Y   | WO 94 13093 A (MOTOROLA INC)<br>9 June 1994 (1994-06-09)<br>* page 2, line 34 - page 3, line 13 *<br>* page 11, line 10 - page 12, line 4 *   | 1-26  | H04Q7/32<br>H04Q7/22<br>H04Q7/12             |
| Y   | US 5 459 458 A (RICHARDSON C PATRICK ET AL) 17 October 1995 (1995-10-17)<br>* column 3, line 31 - column 6, line 7 *  | 1-26  |  |
| A   | US 5 416 828 A (HIRAMATSU SHOJI ET AL) 16 May 1995 (1995-05-16)<br>* column 1, line 58 - column 2, line 4 *   | 5,6,15,<br>16,22,25                                       |  |
| A   | PATENT ABSTRACTS OF JAPAN<br>vol. 018, no. 053 (E-1498),<br>27 January 1994 (1994-01-27)<br>& JP 05 276101 A (MITSUBISHI ELECTRIC CORP), 22 October 1993 (1993-10-22)<br>* abstract * | 7-9,<br>17-19,<br>22,25                                   |  |
|   |   |   | TECHNICAL FIELDS SEARCHED (Int.Cl.6)         |
|   |   |   | H04Q<br>H04M                                 |
| The present search report has been drawn up for all claims  |   |   |  |
| Place of search<br><b>BERLIN</b>  |   | Date of completion of the search<br><b>6 January 2000</b> | Examiner<br><b>Kampouris, A</b>              |
| <p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone<br/>Y : particularly relevant if combined with another document of the same category<br/>A : technological background<br/>O : non-written disclosure<br/>P : intermediate document</p> <p>T : theory or principle underlying the invention<br/>E : earlier patent document, but published on, or after the filing date<br/>D : document cited in the application<br/>L : document cited for other reasons<br/>&amp; : member of the same patent family, corresponding document</p> |   |   |  |

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EP 98 10 3400

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The members are as contained in the European Patent Office EDP file on  
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06-01-2000

| Patent document<br>cited in search report | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|---|---------------------|----------------------------|---------------------|
| WO 9413093 A                              | 09-06-1994          | AU 672270 B                | 26-09-1996          |
|   |                     | AU 5677894 A               | 22-06-1994          |
|   |                     | BG 62308 B                 | 30-07-1999          |
|   |                     | BG 99746 A                 | 29-12-1995          |
|   |                     | CA 2150387 A               | 09-06-1994          |
|   |                     | CZ 9501337 A               | 11-09-1996          |
|   |                     | EP 0682835 A               | 22-11-1995          |
|   |                     | FI 952618 A                | 12-07-1995          |
|   |                     | HU 73111 A                 | 28-06-1996          |
|   |                     | JP 8503825 T               | 23-04-1996          |
|   |                     | NO 952095 A                | 10-07-1995          |
|   |                     | NZ 258753 A                | 26-10-1995          |
|   |                     | PL 309248 A                | 02-10-1995          |
|   |                     | SK 70195 A                 | 06-05-1998          |
|   |                     | US 5845202 A               | 01-12-1998          |
| US 5459458 A                              | 17-10-1995          | AU 667016 B                | 29-02-1996          |
|   |                     | AU 7099294 A               | 06-02-1995          |
|   |                     | CA 2140778 A               | 19-01-1995          |
|   |                     | CN 1111081 A, B            | 01-11-1995          |
|   |                     | EP 0658298 A               | 21-06-1995          |
|   |                     | JP 8501432 T               | 13-02-1996          |
|   |                     | WO 9502305 A               | 19-01-1995          |
| US 5416828 A                              | 16-05-1995          | JP 5276276 A               | 22-10-1993          |
| JP 05276101 A                             | 22-10-1993          | NONE                       |                     |

EPO FORM P008

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82